PULP & PAPER

1974 editorial index

Complete listing of all articles and news stories published in 1974 issues. Article listings are by subject matter, by companies and by authors. News stories are listed by company.

NAP = North America—Profile 1974 (June 30 issue)
Jun/PA = Pulpwood Annual section of June issue

Index of feature articles by subject matter

Coating/sizing

Black Clawson blade coater eliminates streaking May 97
Blandin sponsors dry coating process for web-offset grades May 96
CPPA conference discusses new coating materials May 98
How coating binders add to BOD of paper mill effluent Aug 110
PVA cobinders permit control of coating viscosity Nov 94
Plastic pigments in coated paper and board grades Jun 57
Production, conversion of electrophotographic paper Feb 102
St. Regis mill adds rotating coating screens (Ohio) May 100
TAPPI Coating Conference looks at present and future Jul 123
TAPPI Reprography Conference highlights imaging technology Jan 73
Wiping roll coater shows capabilities in lab work Nov 88

Engineering

Achieving a clean compressed-air system Apr 62
Automated stores system: predicting cost of conversion Sep 149
Beloit engineers use new high-speed diazo printers Oct 124
Control valves: how to reduce excessive noise Sep 120
Energy conservation methods reduce fossil fuel usage Oct 68
G-P saves fuel with automatic boiler blowdown control Aug 108
How to control valve noise and wear due to cavitation Oct 96
Improving condensate handling systems, paper drying Nov 134
Increased paper production through steam conservation Jul 60
Installing, maintaining mist lubricators on air systems May 128
Machine room comfort, guidelines to improvement Jul 128
Mechanical seals: selection, use, performance guide Sep 88
Ontario-Minnesota adds valve silencer on steam line May 122
Oxford Paper uses polyethylene pipe in control project May 119
Paper machine dryer drainage systems: past to future Oct 62
Scott automates chip loft at Everett, Wash. Jan 78
Shop-applied blasting protects steel from corrosion Feb 108
Stores inventory control aids maintenance management May 94
Stores management aided by computerized purchasing Jun 62
Stores management, providing effective maintenance Jul 126
TAPPI engineering conference: facing fuel shortages Dec 110

Environmental control—air/water quality

Badger Paper installs novel liquor disposal plant (Wis.) Sep 58
Biological treatment at Wisconsin Tissue is a success Apr 87
Cationic starch reduces BOD from size-press starches Sep 98
Chesapeake Corp. uses oxygen for water, air treatment (Va.) Sep 66
Crane & Co. cleans wastewater lagoon with dredge Sep 119
EPA clean air standards: impact on paper industry Dec 118
Environmental benefits claimed for recycled fibers Jan 70
Environmental laws may be fixed by litigation Jul 64
Environmental survey favorable toward paper industry May 93
Finch, Pruyn & Co. solves air pollution problem (N.Y.) Mar 56
Great Northern adds new-design venturi scrubber (Ga.) Feb 52
Green Bay monitoring network detects whitewater leaks Oct 116
Green Bay uses reverse osmosis for reuse of process water Nov 62
Hogged fuel boilers control air pollution Feb 71
Knowlton mill reclaims total daily process waste flow Sep 116

Lignin liquor bought for use by feed processors Nov 116
Nekoosa Edwards uses magnesia-base recovery system Nov 84
New evaporator saves energy, abates pollution Jan 50
Ontario Paper's fluidized bed incineration system Aug 58
Oxford Paper uses polyethylene pipe in control project May 119
Ozone: new method for color removal in mill effluents Sep 142
Packaging Corp. adds treatment system, revamps Mich. mill Apr 50
Pollution abatement conference on improved effluent Nov 91
Pollution control given incentive by federal tax laws Sep 68
Review of technical progress in air/water programs Jun 82
Screening concept boosts water reuse at boxboard mill Oct 140
Static mixing concept for aerators wins acceptance Sep 70
Union-management committee aids battle against pollution Jul 84
U.S.S.R. mill with sophisticated effluent treatment Apr 82
S.D. Warren takes part in Muskegon spray-irrigation plan Apr 92

Expansion/modernization

Brunswick modernizes bleached pulp, board mill (Ga.) Feb 42
Capacity additions in East Canada–completed, in progress NAP 72
Capacity additions in West Canada–completed, in progress NAP 76
Capacity additions in U.S. Midwest–completed, in progress NAP 46
Capacity additions in U.S. Northeast–completed, in progress NAP 34
Capacity additions in U.S. South–completed, in progress NAP 40
Capacity additions in U.S. West–completed, in progress NAP 51
Capital spending survey reports mill programs Jan 93
Continental Can produces ultra-low-density board at Augusta Nov 112
First Sym-Former twin-wire unit in operation in Finland Mar 68
G-P completes Toledo expansion, adds pulp mill (Ore.) Oct 56
IP introduces recycled fiber to Pine Bluff mill (Ark.) Aug 48
Knowlton's new mill; largest filter paper machine Dec 50
Packaging Corp. revamps Mich. mill, adds treatment system Apr 50
Procter & Gamble's new market pulp mill in Alberta Jun 50
Security analysts discuss capacity expansions Jan 48
Upson installation program avoids downtime (N.Y.) May 56
World's fastest newsprint machine starts up in Sweden Sep 93

Finance/economics/statistics

Canada, east & central: capacity additions NAP 72
Canada, east & central: production, capacity data NAP 71
Canada 1973 production, consumption, trade data NAP 67
Canada, west: capacity additions NAP 76
Canada, west: production, capacity data NAP 77
Canadian expansion projects–1973-75 Jan 106
Company profiles: financial, production data NAP 87
Market pulp producers: worldwide directory NAP 137
Market pulp sales companies in North America NAP 144
Midwest U.S. pulp, paper and paperboard production (1960-1972) NAP 49
Northeast U.S. pulp, paper and paperboard production (1960-1972) NAP 37
Paper and paperboard production by continents, and world total NAP 115
Paper/board consumption, paper and pulp production for 143 countries–1973 NAP 118
Production, trade data for leading countries NAP 116
Pulp production by continents, and world total NAP 114
Pulp trade: worldwide exports, imports–1973 NAP 125
South U.S. pulp, paper and paperboard production (1960-1972) NAP 44
Top 20 countries in 1973 per capita consumption of paper and board NAP 116
Top 20 countries in 1973 production of paper and paperboard NAP 117
Top 20 countries in 1973 pulp production NAP 117
U.S. expansion projects–1973-75 Jan 97
U.S. 1973 production, consumption, trade NAP 27
U.S. projected expansions, expenditures by region Jan 94
West U.S. pulp, paper and paperboard production (1960-1972) NAP 54

Finishing/converting

Consultant describes plumbing, feeding problems in Europe Sep 123
Curved rolls used for accurate slit separation Feb 84
Fraser Paper utilizes advanced-design label printer Aug 84
Independent converting centers benefit mills, customers May 120
Longview Fibre modernizes counter roll handling (Wash.) Aug 80
Mill accidents–finishing consultant's experiences Oct 145
Newsprint: optimum roll diameters for loading boxcars Sep 63
9-roll supercalender–its origin, advantages Dec 101
Olinkraft computers record roll status, orders (La.) Aug 76
Paper mill experts–remarks by finishing consultant Nov 117
Supercalendering–consultant's troubleshooting tale Aug 90
TAPPI Finishing Conference studies new methods Feb 110

Management

API 1974-77 capacity survey and its implications Dec 53
Adopting ISO metric paper sizes, pros and cons Aug 86
Arne Asplund, developer of Defibrator process, honored Jun 56
Battery leasing: profitable alternative to buying Feb 112
Canada: 1973 review of the industry NAP 67
Capital spending survey reports mill programs Jan 93
Chemical supply for pulp and paper industry Nov 54
Clevepak tries to make recycling cost-competitive Dec 79
Company profiles: financial, production data NAP 87
Containerboard demand outruns supply Jan 45
Eastern and central Canada: 1973 review of the industry NAP 71
Energy usage patterns changing in pulp, paper industry Jun 90
Environmental laws may be fixed by litigation Jul 64
Environmental survey favorable toward paper industry May 93
FAO survey shows paper/board growth outpaces pulp Nov 132
Fibre Box conference on economics, marketing, demand Dec 92
Five fundamental qualities of good supervision May 126
How to comply with OSHA requirements, inspections Mar 90
Human resource management–improving productivity Jun 60
Human resources–viewpoint of the salaried employee Oct 88
IP's Judson Hannigan discusses paper supply outlook Jul 94
IPC board unfolds new policies, elects new president Jul 88
Independent converting centers benefit mills, customers May 120
Legal aspects of management: antitrust regulations Dec 56
Legal aspects of management: regulatory functions Nov 108
Mead Corp.'s standby program during the fuel crisis Apr 90
Metric conversion in U.S.–current status, preparation Jul 116
Midwest U.S.: 1973 review of the industry NAP 45
Newsprint: optimum roll diameters for loading boxcars Sep 63
Newsprint: U.S. supply, capacity, prospects Jan 47
Northeast U.S.: 1973 review of the industry NAP 34
Outlook '74: tight supply/demand; energy squeeze; increasing expansion, profit Jan 44
Price controls cause market dislocation Jan 44
Pulp trade: review of 1973 NAP 125
Restraints on printing paper capacity Jan 46
Role of industrial hygienist boosted by OSHA Mar 87
Safety–reducing accident rate in woods, on landings Jun/Mar PA 20
Security analysts discuss capacity expansions Jan 48
Sonoco computer network links branch operations Dec 76
South U.S.: 1973 review of the industry NAP 39
Stores inventory control aids maintenance management May 94
Stores management aided by computerized purchasing Jun 62
Stores management, providing effective maintenance Jul 126
Tax laws provide incentive for pollution control Sep 68
Transport/handling discussed at international meeting Jul 57
Union Camp cuts downtime at mill with two-way radio Oct 66
Union-management committee aids battle against pollution Jul 84

U.S. pulp and paper industry: economics, production NAP 27
West Canada: 1973 review of the industry NAP 75
West U.S.: 1973 review of the industry NAP 50
World pulp supply tightens, prices double 20-yr high Sep 96
World pulp trade outlook, Sweden's place in world trade Mar 120
Worldwide industry review—1973 NAP 113

Meetings

API Paper Week looks at economics, environmental control May 62
CPPA conference discusses new coating materials May 98
CPPA conference explores effluent improvement Nov 91
CPPA forecasts the state of the industry in 2001 Apr 112
Environmental benefits claimed for recycled fibers Jan 70
Fiber conservation & utilization seminar Aug 111
Fibre Box conference on economics, marketing, demand Dec 92
IPC board unfolds new policies, elects new president Jul 88
International symposium of transport and handling Jul 57
Nonsulfur pulping conference discusses new processes Dec 98
TAPPI coating conference looks at state of coating Jul 123
TAPPI conference discusses pulping processes Nov 130
TAPPI engineering conference: facing fuel shortages Dec 110
TAPPI finishing conference studies new methods Feb 110
TAPPI meeting discusses energy conservation Mar 114
TAPPI reprography conference highlights imaging technology Jan 73
TAPPI reviews technical progress in air/water programs Jun 82
TAPPI studies new ways of meeting fiber needs Mar 117
WMU meeting looks at computer and additive developments May 116

Papermaking/boardmaking

Airborne dryers prove their use in paper production May 123
Attaining optimum energy usage in paper mills Mar 56
Boise Southern's experience with plastic wires (La.) May 66
Boi-Z cleaner removes lightweight contaminants Apr 56
Cationic starch reduces BOD from size-press starches Sep 98
Continental Can produces ultra-low-density board at Augusta Nov 112
Digital controller—new design used on newsprint Oct 138
Dryer felt seam reduces sheet flutter at high speeds Dec 80
Federal uses high-pressure showers on whitewater Apr 122
First Sym-Former twin-wire unit in operation in Finland Mar 68
G-P adds semichemical pulp mill, expands Toledo mill Oct 56
Garden State reaps benefits from change to fabric, foil Oct 93
Headbox for multi-ply sheets: interview with E. J. Justus Apr 59
IP introduces recycled fiber to Pine Bluff mill (Ark.) Aug 48
Increased paper production through steam conservation Jul 60
Knowlton's new mill; largest filter paper machine Dec 50
Paper machine dryer drainage systems: past to future Oct 62
Papermaking sensors: how they work Mar 70
Polyelectrolytes reduce costs and pollution in mills Jul 120
Portable gauge troubleshoots moisture-profile problems Jun 85
Postrefining mechanical pulps improves printing grades Mar 92
Potlatch mini-deinking plant supplements pulp (Calif.) Apr 124
Preparing the paper machine for plastic wires Mar 65
Upson installation program avoids downtime (N.Y.) May 56
Warren reduces contamination with repulpable tape Aug 116
Wisconsin Tissue keeps doctor pressure uniform Jan 54

Process control

Computers control major pulp processes at MB, Domtar Oct 121
Digital controller—new design used on newsprint Oct 138
Fraser Paper utilizes advanced-design label printer Aug 84
How computers control functions in pulp processing May 88
Olinkraft computers record roll status, orders (La.) Aug 76
Optical sensor for online computer control of color Nov 65
Scott automates chip loft at Everett, Wash. Jan 78
Total mill control with small and large computers Jul 66
Total systems approach to computerized bleach control Feb 76
U.S. Gypsum cylinder board machine computer-controlled Aug 56
WMU meeting looks at computer and additive developments May 116

Pulp processing

Arne Asplund, developer of Defibrator process, honored Jun 56
Badger Paper installs novel liquor disposal plant (Wis.) Sep 58
Brunswick modernizes bleached pulp, board mill (Ga.) Feb 42
Computers control major pulp processes at MB, Domtar Oct 121
Controlled vibration improves chip flow for Canfor Oct 92
Environmental benefits claimed for recycled fibers Jan 70
Finch, Pruyn & Co. solves air pollution problem (N.Y.) Mar 62
Foam: causes, consequences and control May 59
Future markets for lignin, chemical byproducts Feb 80
G-P adds semichemical pulp mill, expands Toledo mill Oct 56
Hammermill applies urethane foam insulation to tanks Dec 116
Hardwood sawdust pulp tested for use in paperboard Jul 90
How computers control functions in pulp processing May 88
Nekoosa Edwards uses magnesia-base recovery system Nov 84
Nonsulfur pulping symposium: new pulping methods Dec 98
Ontario Paper's fluidized bed incineration system Aug 58
Papermaking sensors: how they work Mar 70
Pitch deposit control in pulp mills with talc Aug 104
Polysulfide, green liquor processes make progress Nov 130
Postrefining of mechanical pulp improves printing grades Mar 92
Procter & Gamble's new market pulp mill in Alberta Jun 50
Replacements for kraft pulping beginning to emerge Jul 52
Scott automates chip loft at Everett, Wash. Jan 78
Sycamore farming for pulpwood—possible fiber source? Jul 97
Total systems approach to computerized bleach control Feb 76

Raw materials/pulpwood/forestry

APA programs for cooperative action in pulpwood field Jun/PA 15
Attaining optimum energy usage in paper mills Mar 56
Background on pulpwood supplies, requirements Jun/PA 5
Chemical supply for pulp and paper industry Nov 54
Economic approach to timber resourses for real efficiency Sep 146
Energy usage patterns changing in pulp, paper industry Jun 90
European conference examines world fiber resources Oct 142
Fiber supply in northeast U.S. Feb 106
Fibreboard converts wood scrap into chips (Calif.) Aug 53
Future of fiber resources discussed at fiber seminar Aug 111
Future forest supply/requirements in Quebec Feb 107
Future trends in West Coast fiber supply Jan 76
Gasification converts solid waste to gas Feb 54
How International Paper handles energy conservation Mar 84
Increasing governmental control of Canadian forests May 70
Machines being developed will permit complete tree use Dec 46
Mead Corp.'s standby program during the fuel crisis Apr 90
Mechanization—its role in reducing wood costs Jun/PA 10
Obtaining a pulpwood supply in the South Feb 49
Pulping tree tops increases forest yield Mar 122
Pulpwood annual review, 1974 Jun/PA 1
Pulpwood consumption and inventories, 1973 statistics Jun/PA 24
Pulpwood production—identification of key sectors Jun/PA 6
Safety—reducing accident rate in woods, on landings Jun/PA 20
Short-rotation forestry—will it supply future needs? Dec 72
Stump splitter pries stumps, chops chunks for chipper Jun/PA 18
Sycamore cuttings show promise in fine paper tests Dec 96
Sycamore farming for pulpwood—possible fiber source? Jul 97
TAPPI meeting discusses energy conservation Mar 114
TAPPI studies new ways of meeting fiber needs Mar 117
Total-tree chipper, feller-buncher combination Jun/PA 16
Wastepaper from cities constitutes huge fiber reserve Sep 124
Weyerhaeuser buys small logs from landowners (Wash.) Dec 114

Wood procurement, production problems–solutions Jun/PA 11
Wood supply crisis, review of economy, demand Jun/PA 9
Wood-to-pulp ratios in Washington and Oregon Dec 115

Recycling

Boi-Z cleaner removes lightweight contaminants Apr 56
Environmental benefits claimed for recycled fibers Jan 70
Headbox for multi-ply sheets: interview with E. J. Justus Apr 59
IP introduces recycled fiber to Pine Bluff mill (Ark.) Aug 48
Potlatch mini-deinking plant supplements pulp (Calif.) Apr 124
Wastepaper from cities constitutes huge fiber reserve Sep 124

Research/testing

Domtar evaluates printability of newsprint, fine papers Apr 117
Gasification converts solid wastes to gas Feb 54
Hardwood sawdust pulp tested for use in paperboard Jul 90
Paperboard testing: need for worldwide standards Mar 125
Pulping tree tops increases forest yield Mar 122
Sycamore cuttings show promise in fine paper tests Dec 96
Sycamore farming for pulpwood–possible fiber source? Jul 97

Index by companies of feature articles and news stories

A

Abitibi Corp.
Budgets $40 million for 1974 Apr 9
Expansion plans (Ont., Que.) Mar 9
1973 financial, production data NAP 88
To acquire wood complex (Ont.) Jun 11
To purchase sawmill complex (Ont.) Sep 13
Water quality program (Ont.) Aug 19

Acadia Pulp & Paper Ltd.
Sale to Anil Pulp & Paper delayed Aug 11
Selling groundwood pulp mill (N.B.) Jun 11
Sold to Aidaca Pulp & Paper Dec 11

Allied Paper Inc.
1973 financial, production data NAP 88

Alton Box Board Co.
Buys Sirianni Forest Products Mar 15
Expands wastepaper reclamation Nov 7
Merger with Williams Cos. off Apr 15
1973 financial, production data NAP 88
To add linerboard capacity (Fla.) Jun 7
To build papertube plant (N.C.) Aug 9
To merge with Williams Cos. Mar 15

American Can Co.
Builds chipping plant (Mich.) Feb 7
Finances control project (Ala.) Feb 17
Mill honored for control (Ore.) Jan 15
1973 financial, production data NAP 89
Sells folding carton plant (Ky.) Jul 13
Signs OSHA compliance agreement Jun 15

Anglo-Canadian Pulp & Paper Mills Ltd.
Builds turpentine plant (Ont.) Mar 9
1973 financial, production data NAP 89
Reopens Quebec City sulfite mill Feb 7
To build containerboard mill Jan 7
To expand in Red Lake area (Ont.) Apr 7
To modernize chloralkali plant Apr 9
Trades cutting rights with ConBath Apr 9

Anil Pulp & Paper Ltd.
Purchase of Acadia div. delayed Aug 11
To buy Acadia Pulp & Paper Ltd. (N.B.) Jun 11

Appleton Papers Inc.
Completes new facilities (Pa.) Jan 9
Rebuilds paper machines (Wis.) Nov 9
Starts sheet finisher (Wis.) Mar 9

B

Badger Paper Mills Inc.
Completes control system (Wis.) Jan 15
Dedicates evaporator-burner May 19
Installs waste liquor plant (Wis.) Sep 58

Belkin Paperboard Ltd.
To expand recycling mill (B.C) Nov 7

Bergstrom Paper Co.
Expands deinking capacity (Ohio) Sep 7
1973 financial, production data NAP 89
Withdraws from joint plan Nov 19

Blandin Paper Co.
Sponsors dry coating development May 96

Boise Cascade Corp.
Adds wastewater treatment (Minn.) Mar 21
Buys Bohemia housing plant (Ore.) Mar 15
Expands siding production (Minn.) Jun 9
$45 million for expansion Jul 9
1973 financial, production data NAP 89
Plans $1.1-billion program Jan 9
Receives expansion approval (Ore.) Sep 23
To build housing plant (Mont.) Sep 9
To expand West Tacoma Newsprint Jan 7
To spend $240 million in 1974 Apr 9
Ups pulp chip production (Ore.) Mar 9

Boise-Southern
Experience with plastic wires May 66
Option to Purchase Calkraft Paper Aug 11
Purchases Calcasieu Paper Co. (La.) Sep 13

Bowater Inc.
Builds new refining system (N.S.) Jul 9
Ceases effort to sell Nfld. mill May 11
May get interest in Labrador mill Aug 11
Negotiating sale of Nfld. mill Mar 15
1973 financial, production data NAP 90
Plans acquisitions, sale Jan 11
Plans control programs (Tenn.) May 19
Record for Catawba No. 3 (S.C.) Dec 15
Record-breaking machine (S.C.) Feb 9
To acquire stock of Lacroix Inc. Oct 9
To commence metric education Oct 11
To expand at Liverpool, N.S. Jan 7
To up capacity at Catawba, S.C. Apr 7

B.C. Forest Products Ltd.
1973 financial, production data NAP 90
Projects near completion (B.C.) Nov 7
Purchases Acorn log mill (B.C.) Oct 9

Brown Co.
Air quality program (N.H.) Feb 17
Bonds to finance control (N.H.) Jan 17
Completes boiler project, others Nov 17
1973 financial, production data NAP 90
Rebuilding two machines (Mich.) Jun 7
To add boiler plant at Holyoke Apr 7
To expand division (N.H.) Jan 7
To improve quality at Berlin mill Dec 13

Brunswick Pulp & Paper Co.
Firm formed to manage land Mar 11
Modernizes bleached pulp mill (Ga.) Feb 42
To install Swedish emission control Oct 19

Buckeye Cellulose Corp.
Burns marijuana (Fla.) Apr 19

C

Calkraft Paper Co.
Boise Southern options to buy Aug 11
Purchased by Boise Southern Co. Sep 13

Canadian Cellulose Co. Ltd.
Adds control facilities at Castlegar (B.C.) Oct 19
Expenditure of $300 million Jul 9
1973 financial, production data NAP 90
Offers sawmill acquisition (B.C.) Nov 7
To build sawmill with Indians (B.C.) Oct 13
To convert Prince Rupert output May 19

Canadian Forest Products Ltd.
Acquires interest in Cornat Dec 11
To install digester (B.C.) Jan 7
Vibration aids woodchip flow (B.C.) Oct 92

Canadian International Paper Co.
Converts machine to fabric (Que.) Apr 15
To spend about $50 million in 1974 Apr 9

Cariboo Pulp & Paper Co.
To build sawmill with Indians (B.C.) Oct 13

Cascade Cabano
(See also Soc. Populaire des Pates)
New name for cooperative mill Aug 7
Starts construction on mill (Que.) Oct 13

Cascade Paper Co.
Offers plan for Cabano mill Apr 7
Will manage Cabano mill Aug 7

Cellu-Products Co.
Kimberly-Clark forecloses (N.Y.) Feb 13

Celotex Corp.
Buys Packaging Corp. mill (Ill.) Mar 15
Buys water treatment system (Ill.) Sep 23
Pollution control plans (Ill.) Mar 21

Certain-Teed Products Corp.
New mill has cylinder machine Mar 9

Champion International
Assets exchanged with L-P Oct 9
"Most instrumented" machine (Ala.) Mar 9
1973 financial, production data NAP 91
Plans to expand, 5th mill site Jul 9
Sigler talks on printing paper shortage Jan 46
To acquire British carpet firm Jan 11
To get L-P plywood plant (Texas) Aug 11
To increase pulp capacity (Ala.) Sep 7

Chesapeake Corp. of Virginia
Begins phase two of control (Va.) May 19
Completes pioneer oxygen plant Aug 9
Expands oxygen use at mill (Va.) Sep 66
1973 financial, production data NAP 91

Churchill Forest Industries Ltd.
The Pas project, clarifications Aug 15
U.S. Securities & Exchange sues Mar 17

Clevepak Corp.
Acquires United Paper Stock Co. Jun 13
Cost-competitive recycling Dec
Increases efficiency at 3 mills Nov 7

Consolidated-Bathurst Ltd.
Adds newsprint capacity (Que.) Jul 9
Adds to expansion program (Que.) Nov 9

1973 financial, production data NAP 92
Sells Anticosti Island to Que. Mar 17
Starts rebuilt machine at Belgo Mar 9
To acquire Bobois Ltd. (Que.) Jul 13
Trades cutting rights with Anglo Apr 9

Consolidated Packaging Corp.
1973 financial, production data NAP 92

Consolidated Papers Inc.
Acquires new chip source (Ont.) Dec 15
Bonds to finance control (Wis.) Jan 17
Builds converting plant (Wis.) Nov 9
Installs new boiler (Wis.) May 7
1973 financial, production data NAP 92
Pilot studies on water treatments Jun 15
Sen. Proxmire visits mill (Wis.) Sep 9
To add 20% pulp capacity (Wis.) Sep 7

Container Corp. of America
Acquires Liberty Industries (Ohio) Mar 15
1973 financial, production data NAP 92
To expand paperboard mill (Fla.) Jul 9

Continental Can Co. Inc.
1973 financial, production data NAP 93
"Snowflake" machine conversion Nov 112
To acquire folding carton plant Jul 13

Cornwall Paper Mills Co.
Installs new wet end on machine Dec 13

Corrugated Services Inc.
Producing chipboard (Texas) Dec 13

Crane & Co. Inc.
Rents dredge to clean lagoon (Mass.) Sep 119

Crestbrook Forest Industries Ltd.
Hopes to expand (B.C.) Apr 9

Crown Zellerbach
Begins air quality program (Wash.) Sep 23
Builds storage warehouse (Ore.) Jan 9
Buys film, lumber plants Jan 11
Buys Patrician's tissue output Jul 7
Completes Tremont Lumber deal Sep 13
Mitsui-Zellerbach plans revised Mar 9
1973 financial, production data NAP 93
Plans pulp dryer modification (B.C.) May 9
Plans $21-million program (Wash.) Sep 7
Selling synthetic pulp in Japan May 15
To build treatment system (Ore.) Nov 17
To buy lumber firm (Wash.) Mar 15

D

Diamond International Corp.
Fuel cut at Groveton (N.H.) Feb 13
1973 financial, production data NAP 93

Doman Industries Ltd.
Contemplates pulp mill (B.C.) Jun 7

Domtar Ltd.
Abandons plan for Red Rock expansion May 9
Acquires lumber firm (Ont.) Mar 15
Begins container plant addition Nov 9
Budgets $65 million for 1974 Apr 9
Computer controls processes (B.C.) Oct 121
Dolbeau increase delayed (Que.) Jul 9
Evaluates printability Apr 117
Expands salt plant (Sask.) Mar 9
Invests in sawmill facilities Nov 9
1973 financial, production data NAP 94
To modernize at Donnacona, Que. Apr 7
To spend $20 million at Cornwall Oct 13

Donohue Co. Ltd.
Possible Lake St. John partner Dec 13
Que. mill proposal gains support May 9

Dunn Paper Co.
To build carbonizing tissue mill Nov 9

E

Eastex Inc.
1973 financial, production data NAP 109
To increase Evadale output (Tex.) Jun 7

Eddy Paper Co. Ltd.
1973 financial, production data NAP 94

Eurocan Pulp & Paper Co. Ltd.
Beneficiary of planned new sawmill Jun 9
Has no plans to sell Kitimat mill Apr 15
Olander becomes president (B.C.) Nov 13
Olander denies rumors to sell Dec 7
Possible government assistance Jul 15
To build sawmill with Indians (B.C.) Oct 13

F

Federal Paper Board Co. Inc.
1973 financial, production data NAP 94
Using high-pressure showers Apr 122

Fibreboard Corp.
Acquires Calif. plant, N.J. firm Jun 13
Adds secondary treatment (Wash.) May 19
Awards: conservation, pollution Jul 19
Buys MMF Wood Products (Tenn.) Feb 13
Buys T. & H. Metals Co. (Texas) Mar 15
Converts wood scrap into chips Aug 53
1973 financial, production data NAP 95
Shareholders fight acquisitions Dec 11
To acquire sawmills, timber Oct 9
To build insulation plant (Colo.) Aug 9

Finch, Pruyn & Co. Inc.
Solves "blue haze" problem (N.Y.) Mar 56

Finlay Forest Industries Ltd.
Expands production at Mackenzie Sep 7

Fort Lupton Recycling Inc.
Builds wastepaper mill (Colo.) Nov 7

Fraser Cos. Ltd.
1973 financial, production data NAP 95
Noranda Mines Ltd. gains control Jun 11
Studies ways to up pulp (N.B.) Apr 9
Threat of energy shortage (Me.) Feb 13
Uses advanced label printer Aug 84

G

Garden State Paper Co.
API solid waste management award May 17
Deinking process in Mexico Mar 11
Morgan closes Lititz, Pa., mill Jan 7
Transition to fabric profitable Oct 93

Georgia-Pacific Corp.
Automatic boiler blowdown control Aug 108
Builds secondary treatment lagoon Feb 17
Burns marijuana at mill (Wash.) Aug 13
Completes Toledo expansion (Ore.) Oct 56
Considering Crossett expansion Aug 7
EPA suit against firm dismissed Mar 21
Floweree talks on price controls Jan 44
Mercury recovery from effluent Dec 17
1973 financial, production data NAP 95
Plans trade with Japan firms May 13
Reduced steam usage at Toledo Jul 60
Threat of energy shortage (Me.) Feb 13
To double pulp mill capacity (La.) Jun 7
To expand board machine (Ont.) Nov 9
To expand chlorine/caustic capacity Dec 13
To sell corrugating mill (Calif.) Jul 13
To spend $275 million in 1974 Apr 9
Toledo expansion on stream May 7
Uses garbage in fuel test (Ore.) Oct 21
Wins fifth environmental award Jun 15

Gilman Paper Co.
1973 financial, production data NAP 96
To build bark processing plant Apr 9

P. H. Glatfelter Co.
1973 financial, production data NAP 96

Grace & Co., W. R.
To expand Ky. specialty mill May 7

Great Lakes Paper Co. Ltd.
Finances Thunder Bay expansion Apr 9
Increases Thunder Bay investment Jul 9
1973 financial, production data NAP 96
To expand newsprint capacity (Ont.) May 9

Great Northern Nekoosa Corp.
Acquires Brilliant Coal (Ala.) May 11
Acquires Dixie Veneer Co. (Ala.) Jun 13
Acquires Hayes Forest Products Feb 13
Adds new-design venturi scrubber Feb 52
Nekoosa ends control project (Wis.) Jan 15
Nekoosa gets Heco Envelope Jan 11
Nekoosa's magnesia-base recovery Nov 84
1973 financial, production data NAP 96
Threat of energy shortage (Me.) Feb 13
Wins environmental award (Ga.) Apr 19

Green Bay Packaging Inc.
Credited for pollution control Jan 15
Monitors detect whitewater leaks Oct 116
1973 financial, production data NAP 97
Reuse of process water with RO Nov 62

Gulf States Paper Corp.
1973 financial, production data NAP 97

Gulf + Western Industries Inc.
To increase Brown Co. holdings Nov 11

H

Hammermill Paper Co.
Applies urethane insulation Dec 116
Builds sawmill (Ala.) Feb 7
1973 financial, production data NAP 97
Sells Watervliet Div. to P&W Nov 11
To increase capacity at Thilmany Jul 7
To purchase lumber co. (N.Y.) Jul 13
Uses portable moisture-profile gauge Jun 85

Hoerner Waldorf Corp.
Acquires Maxwell Paper Corp. Jan 11
Builds secondary treatment plant Sep 23
Meets state standards (Minn.) Apr 17
1973 financial, production data NAP 97
Opens new container plant in Denver Oct 13
Problems with precipitators (Mont.) Mar 21
Ups capacity at Maxwell mill Apr 7

Hollingsworth & Vose Co.
Receives environmental award Feb 15

Holmens Bruk AB
Starts up new paper machine Sep 93

Hudson Pulp & Paper Corp.
1973 financial, production data NAP 98
Plans for newsprint mill slowed Sep 7
Studies recycled news mill (Fla.) Apr 11

I

ITT Rayonier Inc.
Buys three wood products firms Jan 11
Contracts on control project (Fla.) Oct 19
Installs largest FRP scrubber Nov 17
1973 financial, production data NAP 98
To build lumber mill (Ga.) Jul 9

Inland Container Corp.
Corrugator purchase, rebuild Jul 9
1973 financial, production data NAP 98

Intercontinental Pulp Co. Ltd.
Control plan with Prince George Apr 17

International Paper Co.
Acquires Bowater Italia (Italy) Jun 13
Adds black liquor oxidation (Ark.) May 19
Androscoggin expansions approved Dec 19
Bond to finance control (Ore.) Jan 17
Deals with energy shortages Mar 84
Delay in treatment facility (Fla.) Sep 23
Expands container plant (Fla.) Sep 9
General Crude decision pending Dec 11
General Crude Oil offer approved Oct 9
Grants process license to Kamyr Oct 15
Hannigan discusses paper supply Jul 94
Mobile environment projects (Ala.) Jun 15
New environmental projects (La.) Dec 19
1973 financial, production data NAP 98
Oil discovered on IP land (Ala.) Feb 7
Orders four precipitators Feb 17
Plans expansion at Androscoggin Jul 7
Plans wood facilities at Georgetown, S.C. May 7

Purchases share of L-P sawmill Nov 11
Settlement of Vermont suit Jun 15
Smith named to top post Jan 11
Soviet exchange agreement Jul 11
Starts treatment facility (Ala.) Feb 17
Studies expansion at Texarkana Sep 7
Terminates oil co. negotiations Aug 11
To build container plant (Ark.) Oct 13
To buy timberlands (Ala.) Nov 9
To double Texarkana capacity Dec 15
To expand container plant (Texas) Nov 9
To spend $194 million in 1974 Apr 9
To spend $2.9 million at Otis mill Oct 13
Treatment plant startup delayed Feb 13
Uses recycled fiber at Pine Bluff Aug 48

Irving Pulp & Paper Ltd.
1973 financial, production data NAP 99

J

James River Corp.
To acquire Peninsular Paper Co. Nov 11

Jannock Corp.
Anil's acquisition terminated Oct 9

Javelin Forest Products Ltd.
Sues Golden Eagle Canada Mar 17

Johns-Manville Corp.
1973 financial, production data NAP 99

K

Kimberly-Clark Corp.
Expansion study at mill (Ont.) Jul 9
Forecloses on Cellu mill (N.Y.) Feb 13
Increases interest in Spruce Falls Mar 15
New effluent treatment process Jul 19
1973 financial, production data NAP 100
Plans expansion of pulp mill (Ala.) Jun 7
Plans stud mill (Ont.) Jan 9
Sells Niagara Falls mill again Jul 13
To expand Terrace Bay mill (Ont.) Sep 7
Withdraws from joint plan Nov 19

Knowlton Brothers
Madisonville installation (Ky.) Dec 50
Reclaims total waste flow (N.Y.) Sep 116

Kootenay Forest Industries Ltd.
To be acquired by B.C. government Mar 17

Kruger Pulp & Paper Co. Ltd.
1973 financial, production data NAP 100

L

Labrador Linerboard Ltd.
Deal with Nfld. Forest for wood May 9

Lincoln Pulp & Paper Co. Inc.
To expand kraft pulp production Sep 7

Longview Fibre Co.
Modernizes counter roll handling Aug 80
1973 financial, production data NAP 100

Louisiana-Pacific Corp.
Acquires Evans Lumber (Alaska) Feb 13
Acquires sawmill, timber (Calif.) Aug 11
Acquires timberland, plant (Ore.) Jun 13
Acquisitions in Calif., Mont. May 11
Assets exchanged with Champion Oct 9
Buys Eastern Oregon Pine Co. Jan 11
Buys four Cheney stud mills Mar 15
Caffall Bros. deal rescinded Mar 15
Exchange agreement with Champion Aug 11
1973 financial, production data NAP 100
Starts up hardboard plant (Calif.) Sep 9
Studies Korean pulp project Aug 9
To build particleboard plant Mar 9
To build wood product facilities Jun 9

M

Maclaren Power & Paper Co.
1973 financial, production data NAP 102

MacMillan Bloedel Ltd.
Acquires rights to Energex system Jun 17
Agrees on joint venture in Brazil Sep 13
Buys 40% interest in French firm; plans interest in Walpole Woodworkers Apr 15
Buys J&C Mfg. Co. (Alta.) May 11
Computer controls processes (B.C.) Oct 121
Constructs precipitator (B.C.) Nov 17
Discusses proposed Calif. mill Jan 9
Installs sulfur analyzer Jan 17
Joint committee fights pollution Jul 84
Modifies recycled mill plans (Calif.) May 7
1973 financial, production data NAP 102
Plans groundwood mill (B.C.) Mar 7
Plans higher outlays in 1974 Apr 9
Plans specialty lumber plant (Alta.) Jan 9
Receives city approval (Calif.) Dec 19
Sells 35% interest in Rothesay Sep 11
Sole owner of Rothesay mill Mar 15
Supports logging machine trials Dec 17
Tests new kraft pulp treatment Oct 15
To buy 40% interest in French firm Mar 15
To construct deinked pulp plant Aug 7
To market Guardian chemicals Apr 9
To sell interest in Energex Nov 11
Uses barge to combat oil spills Mar 19

MacMillan Rothesay Ltd.
To install groundwood line (N.B.) Dec 13

Manitoba Forestry Resources Ltd.
Considers $50-million expansion Apr 9
Studies possible mill expansion Nov 9
3-year study report on complex Dec 11

Marcor Inc.
Mobil hopes to increase holdings Aug 11
Mobil offer oversubscribed Oct 9
Mobil to increase holdings to 54% Sep 11

Maxwell Paper Corp.
Acquired by Hoerner Waldorf Jan 11

Mead Corp.
API air pollution control award May 17
Adds second precipitator (Ohio) Dec 19
Control plan for Kingsport, Tenn. Apr 17
Helps form Brunswick Pulp Land Mar 11
Improvises during fuel crisis Apr 90
Installs wet scrubber (Mich.) Jan 17
1973 financial, production data NAP 103
Purchases Clopay plant facility (Ky.) Oct 13
Sells interest in Belgian mill Nov 11
To add particulate control (Ohio) Oct 19
To build container plant (Tenn.) Aug 9
To close Sylva mill (N.C.) Nov 9
To expand Chillicothe mill (Ohio) Dec 13

Menasha Corp.
History, 125 yrs ago to present Jul 9
1973 financial, production data NAP 103

Miami Paper Co.
Acquires fiberglass scrubber (Ohio) Oct 120

Michigan Carton Co.
Sale to St. Regis is completed Jul 13
To be sold to St. Regis Feb 13

Mosinee Paper Corp.
Acquires sawmill in Sturgis, S.D. Oct 9
Air standards compliance program Aug 19
Plans control project at Mosinee May 19

N

Nabisco Inc.
Rebuilds machine, Marseille, Ill. Jul 9

National Gypsum Co.
1973 financial, production data NAP 103

Nekoosa Edwards Paper Co.
See Great Northern Nekoosa

Newark Boxboard Co.
To buy G-P corrugating mill Jul 13

Newfoundland Forest Products Ltd.
Deal provides Labrador with wood May 9

Newfoundland Pulp & Chemical Co. Ltd.
Possible 1975 mill startup (Nfld.) Feb 7

Newton Falls Paper Mill Inc.
Expansion, environmental program Aug 7

Nicolet Paper Co.
Adds pilot coater-dryer (Ky.) Sep 9
Plainwell to convert 3 boilers Jan 15
To expand coated products plant Jul 9

Nitec Paper Corp.
Buys Niagara Falls mill from K-C Jul 13

Northwest Paper Co.
See Potlatch Corp.

Nova Scotia Forest Industries Ltd.
1973 financial, production data NAP 103

O

Ocean Falls Corp.
Partner sought for expansion (B.C.) May 11

Olin Corp.
Adds two precipitators (N.C.) Mar 21
Constructs flax straw plant (S.D.) Jun 9
1973 financial, production data NAP 104
To expand Pisgah Forest capacity Dec 13

Olinkraft Inc.
Becomes independent corporation Jul 13
Computer information systems (La.) Aug 76
Receives research grant (La.) Aug 19
Starts up chipping complex (La.) Feb 7
Studies board machine addition Dec 13
To become independent firm Mar 17

Ontario-Minnesota Pulp & Paper Co. Ltd.
Adds valve silencer on steam line May 122
To rebuild another machine (Ont.) Nov 9
To rebuild paper machine (Ont.) May 9

Ontario Paper Co. Ltd.
1973 financial, production data NAP 104
Unique chemical recovery plant Aug 58

Owens-Illinois Inc.
Installs precipitator (Ga.) Jan 15
1973 financial, production data NAP 104
To add board machine (Texas) Apr 7

Oxford Paper Co.
1973 financial, production data NAP 104
PE pipe used in control project May 119
Rumford projects underway (Me.) Dec 19
To sell West Carrollton mill Jul 13

P

Packaging Corp. of America
Container, folding carton plants Jul 9
1973 financial, production data NAP 104
Plans container plant (Tenn.) Apr 9
Revamps Filer City, Mich., mill Apr 50
Sells Ill. mill to Celotex Mar 15
To build recycling center (Mo.) Oct 21
To expand container operations Jan 9

Papiers Cascades Inc.
See Cascade Paper

Parsons Paper Div.
Alters paper machine, flow (Mass.) Jun 9

Parsons & Whittemore Inc.
Buys Hammermill paper division Nov 11
1973 financial, production data NAP 105

Patrician Paper Co. Inc.
Sells CZ 130-tpd tissue output Jul 7

Peninsular Paper Co.
To be acquired by James River Nov 11

Pentair Industries Inc.
Completes Ohio mill purchase Sep 13
To buy Oxford Paper mill (Ohio) Jul 13

Plainwell Paper Co.
See Nicolet Paper Co.

Potlatch Corp.
Acquires carton operations (Md.) Aug 11
Mini-deinking plant (Calif.) Apr 124
1973 financial, production data NAP 105
Northwest Paper Co. merged into firm Jan 11
Plans particleboard plant (Ida.) Apr 9
Studies mill feasibility (Ark.) Mar 9
To build three chipping plants Feb 7
To build pulp, board mill (Ark.) Jun 7
To expand pulp output (Idaho) Apr 7

Premoid Corp.
Purchases Brownville Paper mill Jan 11

Price Co. Ltd.
Goes to 27.6-lb news (Nfld.) Apr 11
1973 financial, production data NAP 105
Plans sawmill, planing mill Feb 7
Plans $30-million budget for 1974 Apr 9
To expand newsprint capacity Dec 13

Prince Albert Pulp & Paper Co. Ltd.
Reported plans for new poplar mill Jun 9

Prince George Pulp & Paper Co. Ltd.
Control plan with Intercontinental Apr 17
Sack kraft deal with Japan firm May 13

Procter & Gamble Co.
1973 financial, production data NAP 106

Procter & Gamble Cellulose Ltd.
Completes market pulp mill (Alta.) Jun 50

Profile Paper Corp.
Recycled pulp for market (N.H.) Aug 7

Publishers Paper Co.
Acquires timberland (Ore.) May 7
Adds refining system (Ore.) Mar 7
1973 financial, production data NAP 106
To build recycling plant (Ore.) Nov 7

Q

Quebec North Shore Paper Co. Ltd.
Railcar carrier for Baie Comeau May 15

Quebecor
Considers building mill Jan 7

R

Rayonier Canada Ltd.
Barges effluent to sea (B.C.) Nov 17
Port Alice pollution control (B.C.) Aug 19

Rayonier Quebec Ltd.
Completing Port Cartier mill Jun 7

Reed Paper Group Canada Ltd.
(See also Anglo-Canadian)
To acquire D.D. Dick Engineering Apr 15
To amalgamate Gold Crest May 11
To make offer for Anglo shares Oct 9

Riegel Products Corp.
Starts up rebuild (N.J.) May 7

Rochester Paper Co.
Becomes division of King-Seeley Feb 13

Rolland Paper Co. Ltd.
Studies machine speedup (Que.) May 9

S

St. Joe Paper Co.
1973 financial, production data NAP 106
To buy Florida railway stock Nov 11

St. Raymond Paper Ltd.
Fire puts mill out of operation Sep 9

St. Regis Paper Co.
Adds coating screens (Ohio) May 100
Air emission control at Tacoma Jan 15
Bucksport expansions approved Dec 19
Gains Southern timberlands Mar 11
Installs scrubber (Fla.) Jan 15
Issues data on rising costs Apr 15
Michigan Carton deal is final Jul 13
1973 financial, production data NAP 106
Reduces Wis. mill to pulp production Sep 21
"Skylab" protects technicians May 17
To acquire Michigan Carton Co. Feb 13
To close 250-tpd plant (Wis.) Dec 15
To expand Bucksport mill (Maine) Aug 7
To spend $100 million in 1974 Apr 9

Saratoga Board Mills Corp.
Producing medium at Mechanicville Apr 7

Scott Paper Co.
Automates chip loft at Everett Jan 78
Breaks ground for Somerset mill Sep 7
Cost of Hinckley mill increases May 7
Finishes primary system (Que.) Sep 23
Helps form Brunswick Pulp Land Mar 11
Hinckley complex approved (Me.) Jan 7
1973 financial, production data NAP 106
Studies ozone bleaching of pulp Mar 11
To install paper machine (Wis.) Dec 13
To purchase plant (Ark.) Jan 9
To sell products operation (Pa.) Aug 11

Simpson Lee Paper Co.
Begins air-quality project (Calif.) Sep 23
To triple capacity in Calif. Feb 7

Simpson Timber Co.
Plans complex in Alberta Feb 7

Soc. La Cellulose du Pin
To build bleached pulp mill (Que.) Dec 13

Soc. Populaire des Pates & Papiers
(See also Cascade Cabano)
Cabano mill gets financing (Que.) Aug 7
Has trouble finding backing Jan 7
New plans for Cabano mill Apr 7

Sonoco Products Co.
API water pollution control award May 17
Builds spiral tube plant (Mich.) Jan 7
Computer network for branches Dec 76
1973 financial, production data NAP 107
Plans fiber partitions plant (Ind.) Apr 9
Starts machine: builds plant Mar 9

F. F. Soucy Inc.
Sells interest in new mill (Que.) Jul 13
To add newsprint capacity (Que.) Apr 7

Southland Paper Mills Inc.
Improves woodyard at Lufkin mill Aug 7
1973 financial, production data NAP 107
To expand Lufkin, Texas, mill Feb 7

Southwest Forest Industries
1973 financial, production data NAP 107
To buy Fir Ply Inc. (Ore.) Mar 15
To use recycled paper in expansion Oct 21

Spruce Falls Power & Paper Co. Ltd.
Kimberly-Clark increases interest Mar 15
1973 financial, production data NAP 107
Six-year expansion program (Ont.) Apr 7
To add newsprint capacity (Ont.) Dec 13

Standard Paper Mfg. Co.
Adds distribution center (Va.) Jan 9
Operates distribution center (Va.) Aug 9

Stone Container Corp.
Acquires pharmaceutical producer Jun 13
1973 financial, production data NAP 109
To move Williamsport operations Apr 9

T

Tembec Forest Products Inc.
Contracts to supply pulp to Cuba May 13
To boost pulp capacity to 700 tpd Sep 7
To spend $25 million on pollution Sep 7

Temple-Eastex Div.
See Eastex Inc.

Thurso Pulp & Paper Co.
To install treatment systems Nov 17

U

Union Camp Corp.
Adds to paperboard capacity (Ga.) Jun 9
Kinney discusses supply/demand Jan 45
Midway in odor reduction project Feb 17
1973 financial, production data NAP 109
To add 425-tpd capacity to mills Jul 9
To build corrugated plant (Me.) Jan 9
To expand Terpene & Aromatic Div. Mar 9
Two-way radio cuts downtime (Ga.) Oct 66

U.S. Gypsum Co.
Computer-controlled cylinder machine Aug 56
1973 financial, production data NAP 109

Upson Co.
Installation avoids downtime May 56

V

Virginia Fibre Corp.
To build medium mill (Va.) May 7

W

Warren Co.
Gets API forest management award May 17
Part of Muskegon control plan Apr 92
Repulpable tape used at Westbrook Aug 116

Wausau Paper Mills Co.
Gains control of Hennepin Apr 15
To expand pulp capacity Feb 7

West Conshohocken Paper Mill Inc.
Purchases Westfield River Paper Oct 13

Western Kraft Corp.
1973 financial, production data NAP 110
Plans business-forms plant (Pa.) Apr 9
Studies effect of effluent on fish Feb 17
To add 100 tpd at Campti mill Nov 7

Westfield River Paper Co. Inc.
Purchased by West Conshohocken Oct 13

Westvaco Corp.
Gets 99.8% of U.S. Envelope Aug 11
1973 financial, production data NAP 110
Plans rotogravure carton plant Sep 9
$70 million for capital expenditures Jul 9
To rebuild liner machine (S.C.) May 7
To spend $65 million in 1974 Apr 9

Weyerhaeuser Co.
Analyst views growth elements Jul 11
Buys low-sulfur fuel Feb 13
Buys small logs from public Dec 114
Cited for energy-saving tactics Aug 13
Container plant expanded (Calif.) Aug 9
Creating cattle feed from wood May 13
Expansion plans for Wash. state Mar 7
1973 financial, production data NAP 110
Plans 3-year growth program Jan 9
Receives two awards Mar 15
Reprieve for Everett mill Jul 19
To add capacity at Longview May 7
To build paper recycling plant (N.C.) Oct 21
To build research facility (Wash.) Sep 9
To build 2,100-tpd mill (Miss.) May 7
To convert pulp sales to metric units Oct 11
To modernize Ore. facilities Dec 13
To phase out carton plant (Ind.) Aug 9
Turns to thermomechanical (Wash.) May 7
Uses activated carbon at Fitchburg (Mass.) Aug 19

Weyerhaeuser Canada Ltd.
Tests alum for color removal Jan 17
To study project in Ontario Oct 13

Whippany Paper Board Co. Inc.
Plan to sell firm unsuccessful Mar 15

Wisconsin Tissue Mills
Keeps doctor pressure uniform Jan 54
Pioneers biological treatment Apr 87

Index by authors

A

Allen, C. H.–Feb 54
Atkinson, Jeffrey G.–Jul 120
Austin, John W.–Dec 115

B

Brewster, Dr. Donald B.–Mar 70, May 88
Briggs, Richard D.–Jun/PA 18
Bristol, Kevin–Sep 98
Broaddus, Samuel T.–Mar 87
Bryan, Richard W.–Jun/PA 16
Butler, David T.–May 126

C

Cage, Rodney–Jul 66
Carlgren, Matts–Mar 120
Church, Fred–Oct 138
Church, Glynn–Oct 138
Citron, Bengt–May 123
Clough, Philip–May 96
Cote, Anatole–Feb 107
Crockett Jr., C. H.–Dec 76

D

Deery, Harold A.–May 94, Jun 62, Jul 126, Sep 149
De Remigis, J.–Nov 65
Duke, Jeffrey M.–Jun 90
Dukelow, S. G.–Oct 68

E

Edgar Jr., C. B.–Dec 80
Ellerbe, R. W.–May 59
Engel, Charles P.–Jan 50
Evans, John C. W.–Nov 91, Dec 53, Dec 92

F

Fisette, George R.–Sep 70
Folchetti, J. R.–Sep 116
Foster, A. P.–Mar 84
French, A. L.–Sep 120, Oct 96

G

Gallahue, William M.–Feb 84
Gartaganis, P. A.–Apr 117
Gedney, Donald R.–Dec 115
Gill, Gordon J.–Aug 104
Gilligan, Gerald S.–Sep 124
Gleaton, E. N.–Dec 96
Gordon, R. W.–Apr 117
Gottschling, Ronald D.–Sep 142
Guerrier, James J.–Jan 73, Feb 52, Feb 110, Mar 62, Apr 112, May 56, NAP 34, NAP 71, Jul 123

H

Haas, Leonard–NAP 113, Oct 142
Hall, Douglas G.–Nov 94
Hamel, Robert E.–Dec 118
Hamilton, J.–Nov 65
Hammond, V. L.–Feb 54
Heimann, Harry E.–Nov 94
Horzella, Theodore I.–Feb 71
Hurm, Robert–Oct 62, Nov 134
Hyde, R. S.–Feb 106

J

Jilek, R. Fritz–Mar 65
Johns, Edwin C.–Feb 76

K

Kalberg, Dennis L.–Jun 85
Kalish, John E.–Sep 93
Karnis, A.–Apr 117
Keays, Dr. J. L.–Mar 122
Kien, Julian M.–Jun 60
Kukolich, Dr. Stephen I.–Jul 90
Kurdin, Joseph A.–Mar 92

L

Lambert, H. G.–Aug 53
Laurinovics, L.–May 94, Jun 62, Jul 126, Sep 149
Lawyer, C. B.–Feb 102
Leutwiler, C.–Feb 108
Lewis, Kenneth G.–Apr 62
Lowe, Kenneth E.–Jan 70, Feb 42, Feb 80, Apr 92, May 116, Jun 50, Jun 82, NAP 38, Jul 52, Jul 116, Aug 48, Oct 56, Oct 88, Nov 108, Nov 130, Dec 56

M

MacLeod, Martin–Apr 50, Apr 87, NAP 45, Aug 58, Sep 58, Oct 116, Nov 62, Dec 98
Malcolm, Alexander R.–Jul 120
Malia, P. J.–Mar 90
Maltenfort, George G.–Mar 125
Mansfield, David E.–Aug 108
Margotta, D. G.–Aug 110
Martin, Robert R.–Jan 78
McClelland, James O.–Jul 90
Meyer, Gene C.–Jan 76
Moore, Dr. Robert L.–Oct 121
Mudge, L. K.–Feb 54

N

Nebel, Carl–Sep 142
Nelson Jr., Arthur W.–Feb 49
Newton, Larry R.–Feb 71
Northwood, Robert H.–Apr 90

O

O'Brien, Richard J.–Aug 86
O'Neill, H. J.–Sep 142

P

Parson, James–Aug 80
Pollitzer, Stephanie–Jan 93, NAP 50, Jul 84

R

Reams, L. B.–Sep 120, Oct 96
Reese, Richard A.–Jun 85
Relf, Richard–Feb 112
Ribe, John H.–Dec 72
Robinson, Dr. William I.–Mar 70, May 88
Rose, Dr. Robert C.–Nov 88
Rossin, Elmer H.–Jun 57
Rouse, Michael W.–Jul 60, Aug 108

S

Sachs, Dan–May 100
Schiefelbein, G. F.–Feb 54
Schiller, Francis E.–Aug 90, Sep 123, Oct 145, Nov 117, Dec 101
Schulz, Kenneth–Apr 124
Scott, Ralph H.–Apr 82
Shaw, Charles L.–NAP 67, NAP 75
Sprague, William–May 66
Steels, Kenneth–Sep 63
Steinbeck, Klaus–Dec 96
Stephens, W. T.–Aug 76
Stretton, Blake–Jun/PA 20
Szabo, Dr. T.–Mar 122

T

Talley Jr., Walter J.–Oct 140
Taylor, Tim–Aug 108

U

Urbas, John–Mar 56, Jul 128

V

Van Derveer, Paul D.–Mar 117, NAP 27, Jul 88
Van Der Veer, William R.–Apr 56
Van Wirt, Karl–Oct 93
Vaughan, Jack M.–Sep 68

W

Wallace, James C.–May 70
Whitehead, John T.–Sep 88
Wilson, Albert W.–Mar 114, May 62, NAP 125, Jul 64, Sep 96

Y

Yacco, Mike–Aug 56
Young, Dr. Harold E.–Dec 46

Z

Zeno, Lawrence M.–May 128

Additional copies of this index may be obtained from

PULP & PAPER

500 Howard Street, San Francisco, Calif. 94105
370 Lexington Avenue, New York, N.Y. 10017